

PCT Article 19 Amended Claims 1-9

Patent claims

1. An electrically operated pressing tool (1) with a hydraulic pump (3) which acts on a hydraulic piston cylinder unit (4) which is actively connected to a roller holder whose rollers roll on the clamping jaws (5) of a clamping pincer (2) and thus move these relative to one another, wherein the pressing tool (1) has an elastic hydraulic oil accommodation container (6) as well as an actuation valve (9) for opening a passage from a forward conduit (10) into a return conduit (11) between the hydraulic oil accommodation container (6) and the cylinder space (12) of the piston cylinder unit, wherein the hydraulic oil accommodation container (6) is formed by an elastic sleeve (36) which in a sealing manner encompasses at least partly the cylinder housing (13) of the piston cylinder unit (4, characterized in that the actuation valve (9) in the piston cylinder unit (4) is completely covered by the elastic sleeve (36) and the actuation of the valve is effected by way of pressure on the elastic sleeve.
2. A pressing tool according to claim 1, characterized in that the pressing tool apparatus (1) comprises a housing (0) in which the piston cylinder unit (4) partly, as well as the pump (3) and the electrical drive (14) are accommodated and which completely covers the elastic sleeve (36), wherein in the housing (0) an actuation button (40) is mounted which on actuation presses onto the sleeve (36) above the actuation valve (9).
3. A pressing tool according to claim 2, characterized in that the actuation valve (9) is actively connected to an actuation plunger which amid spring pressure bears on the inner side of the elastic sleeve.
4. A pressing tool according to claim 2, characterized in that an oil filter (43) is arranged in the region of the actuation valve which crosses the forward conduit and that the actuation plunger passes through the oil filter.
5. A pressing tool according to claim 1, characterized in that a part of the return conduit is simultaneously a part section of a suction conduit, wherein the part section of the suction conduit also serving as a return conduit runs inclined to the longitudinal axis of the cylinder housing.
6. A pressing tool according to claim 1, characterized in that an annular trough for increasing the volume is inwardly formed in the region of the cylinder housing which is covered by the elastic sleeve.
7. A pressing tool according to one of the claims 5 and 6, characterized in that the return conduit running in an inclined manner runs into the annular trough.

8. A pressing tool according to claim 1, characterized in that the cylinder housing comprises two annular grooves which are distanced to one another with a distance of the length of the elastic sleeve, and that the elastic sleeve is provided with annular beads which are sealingly mounted in the annular grooves.

9. A pressing tool according to claim 8, characterized in that the annular beads are held secured in the annular grooves by way of cable binders.